

NAME OF THE PROJECT: AN ADVANCED SURVEILLANCE PLATFORM TO IMPROVE THE EUROPEAN MULTI AUTHORITY BORDER SECURITY EFFICIENCY AND COOPERATION

SHORT NAME: EURMARS

PROGRAM: HORIZON-CL3-2021-BM-01-01

STARTED AT: 01/10/2022

DURATION: 36 MONTHS

ALL ABOUT THE PROJECT: <https://eurmars-project.eu/>

SUMMARY:

The EURMARS project aims to develop a **multifunctional monitoring platform** with the goal of enhancing and facilitating both the efficiency and cooperation of multiple European authorities responsible for border surveillance. Among other things, the platform will contribute to improving risk and threat management encountered in wide border areas by combining multiple technologies, practices, and methodologies. Finally, it is worth noting that this specific project will be based on the deposit of previous related projects and initiatives, making optimal use of the knowledge and experience of all interested parties, in order to mitigate problems such as illegal immigration, drug trafficking, illegal fishing, and others.

Geosystems Hellas is involved in this project having undertaken a dual role. On the one hand, through the application of **Machine Learning and Artificial Intelligence techniques on satellite data** (optical and SAR), the **detection and monitoring of unidentified ships** and **emergency environmental situations**, such as fires on oil platforms and oil spills, will be possible.

On the other hand, as responsible for the work package related to exploitation, dissemination and standardization within the project, its role is to identify practices and methodologies that are not part of existing standards, and through the coordination of partners, to make a substantial contribution to the field of European standardization. This includes participation in active European working groups that process specific standardization subjects or the re-study and shaping of a standardization subject.

*The project has received funding from the **Research and Innovation Program Horizon Europe**, under Grant Agreement **No 101073985**.*



CONSORTIUM:

